



Illinois Environmental Protection Agency

2009 Mall Street, Collinsville, Illinois 62234

618/346-5120

October 18, 1989

Refer to: 1630200005 - St. Clair Co. - Sauget/Sauget Sites (Area I-Site I)
Superfund - Technical

Ms. Marsha Shetley
c/o Etna Casualty
P.O. Box 66852
St. Louis, Missouri 63116

Dear Ms. Shetley:

Pursuant to your recent request, I have enclosed a copy of the analytical results from a soil sample collected on September 25, 1989. This sample was collected on Cerro Copper property at the same location as the September 20, 1989 pole drilling incident.

If you have any questions regarding this matter, please feel free to contact myself or Tom Miller at the above number.

Sincerely,

ENVIRONMENTAL PROTECTION AGENCY

Kenneth G. Mensing
Kenneth G. Mensing
Regional Manager
Division of Land Pollution Control

KGM:TWM:cas/0409L
Enclosures

cc: DLPC - Division File
cc: DLPC - Collinsville
cc: Paul Takacs ✓

TABLE 1

<u>Volatiles</u>	<u>PPM</u>
Trichloroethene	391
Tetrachloroethene	11
Toluene	14
Chlorobenzene	121
Ethylbenzene	16
1,2-Dichlorobenzene	66

<u>Semi-Volatiles</u>	<u>PPM</u>
1,2-Dichlorobenzene	86
1,3-Dichlorobenzene	220
1,4-Dichlorobenzene	210
Benzoalcohol	99
2-Methyl Napthalene	4
2,4-Dichlorophenol	360
1,2,4-Trichlorobenzene	140
Hexachlorobenzene	16
Docosane	4700

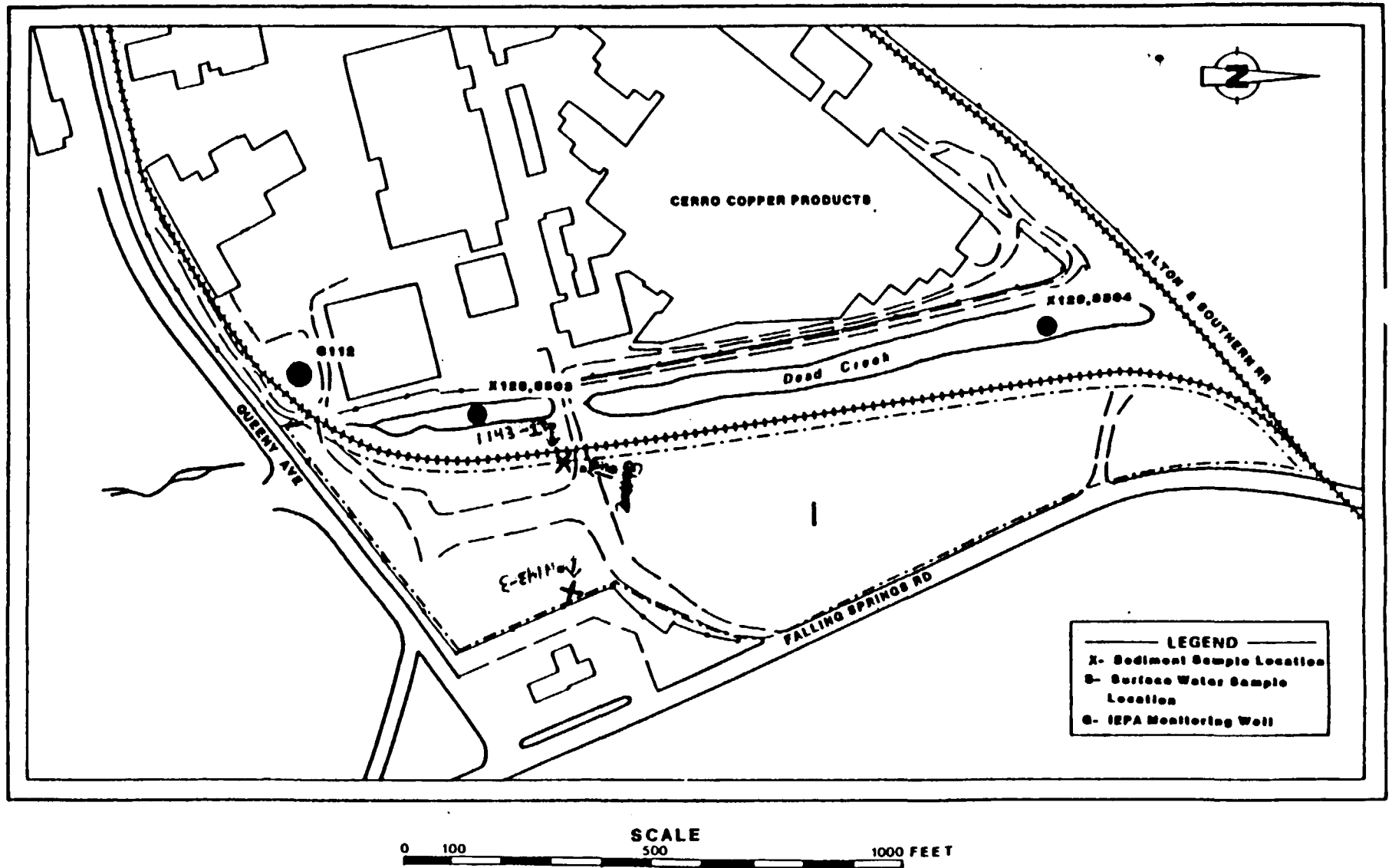


FIGURE 1A-1
DEAD CREEK SITE AREA I AND CREEK SECTOR A WITH SAMPLING LOCATIONS

IEPA
CONTRACT LABORATORY PROGRAM
CHEMICAL ANALYSIS FORM

SITE INVENTORY NUMBER 1 6 3 0 2 0 0 0 5

REGION 6 CO. ST. CLAIR

FACILITY NAME (CERRO COPPER) SAUGET / SAUGET SIMS

SITE BILLING CODE LP 52 005

MONITOR POINT NUMBER D I O 2 DATE COLLECTED 0 9 / 2 5 / 8 9

TIME COLLECTED 1 4 : 3 5 MONITOR POINT SAMPLED BY 3 Drill Rig / Split Section
(24 HR CLOCK) (SPECIFY METHOD)

SAMPLE FIELD FILTERED - INORGANICS (Y/N) N

COLLECTED BY C. T. BADE DIVISION OR CO. ADVENT

SAMPLE APPEARANCE: Sand, gravel, Rubber

COLLECTOR COMMENTS: Collected between 9' - 13' (composite)

Pyramid Electric Surveillance Pole Installation borehole.

TEST REQUESTED: Volatiles, BNA, Pesticides & PCB's, Metals

Run analysis in order listed until sample is depleted.

TURN AROUND TIME REQUESTED: 7 DAY TURN AROUND

FIELD MEASUREMENTS		VALUE	LAB USE ONLY	
DEPTH TO WATER (ft. below LS)	_____	_____	LAB NAME	_____
LOCATION OF GW SURFACE (ft. ref MSL)	_____	_____	ADDRESS	_____
WELL DEPTH FT. (below LS)	_____	_____	LAB Sample No.	_____
Units) - Field	_____	_____	QC REPORT No.	_____
CONDUCTANCE (umhos) - Field	_____	_____	DATE REC'D.	____/____/____
OF WATER SAMPLE (°F) - Field	_____	_____	TIME REC'D	____:____am/pm
			TEMP O.K.	____(Y/N)____
			SAMPLE PRESERVED O.K.	____(Y/N)____
			LAB COMMENTS	_____

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

I certify that the samples listed below were collected in my presence and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 1630200005

County St. Clair, ILL.

Federal I.D. No. 980792006

CERRO Copper Products
(Facility Name)

SAMPLING TEAM

[illegible]

Sealer's Signature Sharon W. Smoller Date 9/25/89 Time 4:30 AM/PM

Sampler(s) J. M. Liana C. T. Bade _____

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

CARRIERS

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
J.M. Llanas	9-25-89	3:58 AM (PM)	Thomas V Smith	9-25-89	3:58 AM/PM
Thomas V Smith	9-26-89	4:00 AM/PM	V.P.S	9-26-89	4:00 AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

STODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature _____ Date _____ Time _____ A.M. P.M.

Lab Location (City)

DA September 25, 1989

TIME: 11:50 a.m.

I.D. 1630200005 Superfund

St. Clair County

Sauget/Sauget Sites

PHOTOGRAPH TAKEN TOWARD THE:

East Southeast

ROLL# 1143 PHOTO# 1

PHOTOGRAPH BY:

Tom Powell

Pyramid Electric Drum Incident Location



DATE: September 25, 1989

TIME: 11:52 a.m.

I.D. 1630200005 Superfund

St. Clair County

Sauget/Sauget Sites

PHOTOGRAPH TAKEN TOWARD THE:

South Southwest

ROLL# 1143 PHOTO# 2

PHOTOGRAPH BY:

Tom Powell

Pyramid ELECTRIC Drum Incident Location



TWM:jlr

DATE: September 25, 1989

TIME: 11:55 a.m.

I.D. 1630200005 Superfund

St. Clair County

Sauget/Sauget Sites

PHOTOGRAPH TAKEN TOWARD THE:

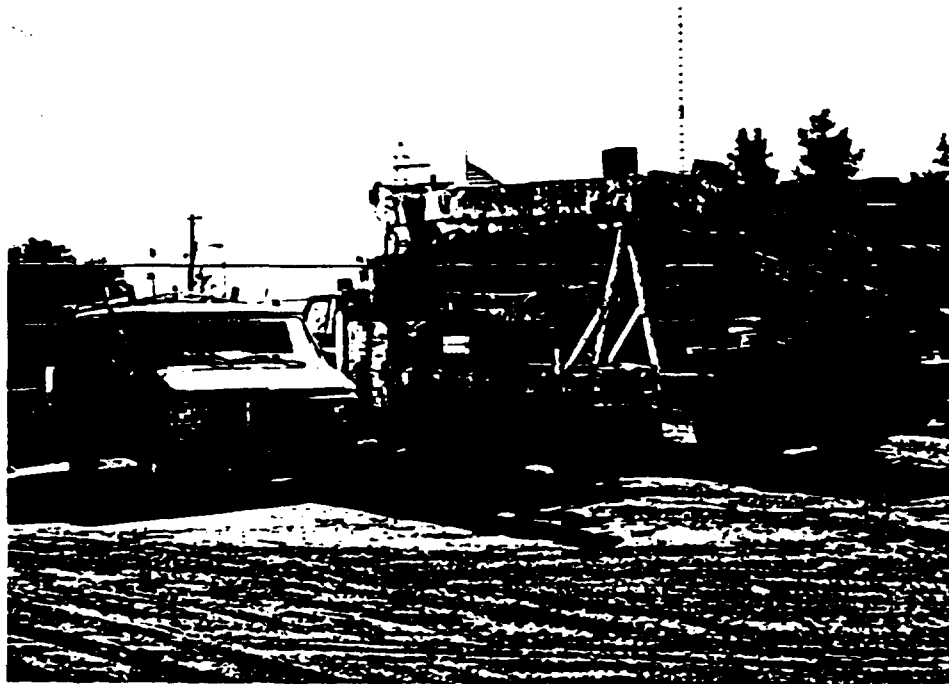
Southeast

ROLL# 1143 PHOTO# 3

PHOTOGRAPH BY:

Tom Carroll

Pyramit Electric Vehicles



DATE: _____

TIME: _____

I.D. _____

_____ County

PHOTOGRAPH TAKEN TOWARD THE:

ROLL# _____ PHOTO# _____

PHOTOGRAPH BY:

TWM:jlr